

Rizbi Islam

Software Quality Assurance (SQA) Engineer

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PROFESSIONAL SUMMARY

Result-oriented SQA Engineer with hands-on experience designing and executing manual and automation test strategies for web applications. Builds scalable frameworks using Playwright, Cypress, Selenium WebDriver, and Python/Pytest with Page Object Model and data-driven patterns. Skilled in API testing (Postman, Newman), performance testing (JMeter, Locust), and CI/CD integration via GitHub Actions. Contributed to national-level government software projects in Bangladesh.

TECHNICAL SKILLS

Automation:	Playwright, Cypress, Selenium WebDriver, TestNG, Pytest
Languages:	Python, JavaScript, Java
API Testing:	Postman, Newman, REST API Validation
Performance:	Apache JMeter, Locust
CI/CD & VCS:	GitHub Actions, Git, GitHub
Reporting:	Allure Reports, HTML Reports, TestRail
Methodologies:	Agile/Scrum, SDLC/STLC, Page Object Model (POM), Data-Driven Testing, Cross-Browser Testing, Smoke/Regression Testing

PROFESSIONAL EXPERIENCE

IT Executive & QA Engineer

RK Software (Bangladesh) Limited | Dhaka, Bangladesh | March 2025 - Present

- Designed and executed end-to-end manual and automation test plans for full-stack web applications
- Built Playwright and Cypress automation frameworks from scratch using Page Object Model pattern
- Integrated test suites into CI/CD pipelines using GitHub Actions for continuous quality gates
- Led QA for two national government projects: DNCC Revenue Management System and CCC Revenue Management System
- Managed complete defect lifecycle — bug reporting, root cause analysis, regression testing, sign-off
- Performed API validation with Postman/Newman and load testing with JMeter

Technologies: Playwright, Cypress, Postman, Newman, JMeter, GitHub Actions, TestRail

QA Engineer (Part-time)

IT Directorate, Bangladesh Army | Remote | March 2024 - November 2024

- Automated critical UI workflows using Selenium WebDriver and Python/Pytest frameworks
- Executed performance and load testing with JMeter and Locust to validate system reliability
- Participated in Agile/Scrum sprints and collaborated with cross-functional teams

Technologies: Selenium WebDriver, Python, Pytest, JMeter, Locust, Agile/Scrum

KEY PROJECTS

Automation Exercise Testing — Playwright Framework

github.com/rizbiislam/AutomationExercise_testing | Stack: Playwright, JavaScript, Node.js

- Built complete Playwright suite: registration, login, product browsing, cart, checkout, contact form
- Cross-browser execution on Chromium, Firefox, WebKit with parallel runs and Allure HTML reports
- Auto screenshot and trace capture on test failure for rapid debugging

Automation Exercise Testing — Cypress + POM

github.com/rizbiislam/Automation-Exercise-testing-with-Cypress | Stack: Cypress, JavaScript

- POM-architected framework with strict separation of locators, actions, and test data
- Data-driven testing via JSON fixtures; GitHub Actions CI/CD pipeline configured

OpenCart E-Commerce Automation

github.com/rizbiislam/OpenCart-Automation | Stack: Selenium WebDriver, Java, TestNG

- Automated e-commerce flows: product search, cart management, user registration, checkout

EDUCATION

Bachelor of Science — Computer Science & Engineering (CSE)

Daffodil International University | Dhaka, Bangladesh | Graduated 2023

Higher Secondary Certificate (HSC) — Science | Dhaka Board | 2018

Secondary School Certificate (SSC) — Science | Dhaka Board | 2016

CERTIFICATIONS

- SQA: Manual and Automated Testing — ostad.app (2023)
- API Testing with Postman — Udemy
- Playwright Test Automation — Test Automation University